

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	"10564874"	US-PGPUB; USPAT	ADJ	ON	2008/08/27 10:26
S3	4	suture prosthetic material	US-PGPUB; DERWENT	ADJ	ON	2008/08/27 10:26
S5	2	"2004010566"	JPO	ADJ	ON	2008/08/27 10:37
S6	1	jp-2004010566-\$.did.	DERWENT	ADJ	ON	2008/08/27 10:49
S7	1	WO-2004010566-\$.did.	DERWENT	ADJ	ON	2008/08/27 10:54
S8	1	JP-2004010566-A\$	DERWENT	ADJ	ON	2008/08/27 10:57
S9	21	(material or fabric or sheet) with projection same suture same (device or machine)	USPAT	ADJ	ON	2008/09/02 15:01
S10	45	(material or fabric or sheet) with projection same suture same (device or machine)	US-PGPUB; USPAT	ADJ	ON	2008/09/02 15:02
S11	1	"6063097".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/02 15:04
S12	1	"5618290".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/02 15:07
S14	403	"28".clas. and projection	USPAT	ADJ	ON	2008/09/02 15:10
S16	4	"28".clas. and projection with load\$3	USPAT	ADJ	ON	2008/09/02 15:11
S21	3944	gunze	JPO; DERWENT	ADJ	ON	2008/09/02 15:58
S22	0	gunze and "20000303".pd.	JPO; DERWENT	ADJ	ON	2008/09/02 15:59

S23	24	US-2495623-\$.DID. OR US-2495612-\$.DID. OR US-1234567-\$.DID. OR US-5814057-\$.DID. OR US-6063097-\$.DID. OR US-5263629-\$.DID. OR US-5503638-\$.DID. OR US-5441299-\$.DID. OR US-5542594-\$.DID. OR JP-1234567-\$.DID. OR JP-200170433-\$.DID. OR JP-9308635-\$.DID. OR JP-3237750-\$.DID. OR JP-3237749-\$.DID. OR JP-2004147902-\$. DID. OR JP-2604025-\$. DID. OR JP-3136392-\$. DID. OR JP- 2000316963-\$.DID. OR JP-3040930-\$.DID. OR JP-1996299427-\$.DID.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2008/09/02 16:09
S24	7	(projection or tab) with pull same suture	JPO; DERWENT	ADJ	ON	2008/09/02 16:18
S25	1	projection with pull same suture	JPO; DERWENT	ADJ	ON	2008/09/02 16:20
S28	277	projection with (fabric or material or sheet) with (pull or load )	JPO; DERWENT	ADJ	ON	2008/09/02 16:21
S30	2	projection with suture reinforcement material	US-PGPUB; USPAT	ADJ	ON	2008/09/02 16:23
S31	29	projection with suture with guide	US-PGPUB; USPAT	ADJ	ON	2008/09/02 16:23
S32	18	projection with suture with guide	USPAT	ADJ	ON	2008/09/02 16:23
S33	2	supporting element and staple region	USPAT	ADJ	ON	2008/09/02 16:25
S34	100	automatic stapling and (fabric or material or sheet)	USPAT	ADJ	ON	2008/09/02 16:26
S35	17	S34 and projection	USPAT	ADJ	ON	2008/09/02 16:26
S36	15	112/22.ccls.	USPAT	ADJ	ON	2008/09/02 16:28
S37	0	suture near\$2 stop\$3	USPAT	ADJ	ON	2008/09/02 16:30
S38	439	suture with stop\$3	USPAT	ADJ	ON	2008/09/02 16:30
S42	12	suture stop\$3	USPAT	ADJ	ON	2008/09/02 16:30

S44	1	suture with stop\$3 with (unravel or unwind)	USPAT	ADJ	ON	2008/09/02 16:36
S45	3	suture same stop\$3 same (unravel or unwind)	USPAT	ADJ	ON	2008/09/02 16:37
S46	18	projection with (material or fabric or sheet) with ease	JPO; DERWENT	ADJ	ON	2008/09/03 08:29
S47	104	projection with (material or fabric or sheet) with ease	USPAT; JPO; DERWENT	ADJ	ON	2008/09/03 08:29
S48	98	projection with (material or fabric or sheet) with ease	USPAT; DERWENT	ADJ	ON	2008/09/03 08:29
S49	86	projection with (material or fabric or sheet) with ease	USPAT	ADJ	ON	2008/09/03 08:29
S50	0	projection with (material or fabric or sheet) with ease with (pull\$3 or attatch\$3)	USPAT	ADJ	ON	2008/09/03 08:31
S51	2	projection with (material or fabric or sheet) with ease with (pull\$3 or attach\$3)	USPAT	ADJ	ON	2008/09/03 08:31
S52	0	projection with (material or fabric or sheet) with ease and "606.clas"	USPAT	ADJ	ON	2008/09/03 08:32
S53	86	projection with (material or fabric or sheet) with ease	USPAT	ADJ	ON	2008/09/03 08:33
S54	37990	"606".CLAS.	USPAT	ADJ	ON	2008/09/03 08:34
S55	2	S53 and S54	USPAT	ADJ	ON	2008/09/03 08:34
S56	20	suture reinforcement	USPAT	ADJ	ON	2008/09/03 08:35
S57	4	S56 and projection	USPAT	ADJ	ON	2008/09/03 08:36
S58	1	"6273897".PN. and buttress	USPAT	ADJ	ON	2008/09/03 08:42
S59	46	suture with unravel	USPAT	ADJ	ON	2008/09/03 08:45
S60	12	suture with unravel\$3 with (stop\$3 or prevent \$3 or inhibit\$3)	USPAT	ADJ	ON	2008/09/03 08:46

S61	269	tubular with suture with (material or fabric or sheet)	US-PGPUB; DERWENT	ADJ	ON	2008/09/03 10:01
S62	313	tubular with suture with (material or fabric or sheet)	USPAT	ADJ	ON	2008/09/03 10:02
S63	0	S62 and automatic device	USPAT	ADJ	ON	2008/09/03 10:02
S64	101	S62 and stitch	USPAT	ADJ	ON	2008/09/03 10:03
S65	5	S62 and 606/228.ccls.	USPAT	ADJ	ON	2008/09/03 10:05
S68	20	suture reinforcement	USPAT	ADJ	ON	2008/09/03 10:07
S69	8	S68 and tubular	USPAT	ADJ	ON	2008/09/03 10:07
S70	1	"6063097".pn.	USPAT	ADJ	ON	2008/09/03 10:17
S71	1	"5618290".pn.	USPAT	ADJ	ON	2008/09/03 10:17
S72	1	"4839215".pn.	USPAT	ADJ	ON	2008/09/03 10:17
S79	998	606/139.ccls.	USPAT	ADJ	ON	2008/09/03 13:13
S80	1076	"606/151".ccls.	USPAT	ADJ	ON	2008/09/03 13:13
S81	291	"606/228".ccls.	USPAT	ADJ	ON	2008/09/03 13:13
S82	154121	"428".clas.	USPAT	ADJ	ON	2008/09/03 13:13
S83	2	"7083638"	USPAT	ADJ	ON	2008/09/03 15:05
S87	1	"7083638".pn.	USPAT	ADJ	ON	2008/09/03 15:08
S88	1	"6652561".pn.	USPAT	ADJ	ON	2008/09/03 15:13
S89	1	S88 and unraveling	USPAT	ADJ	ON	2008/09/03 15:14
S90	1	"20040122503"	USPAT	ADJ	ON	2008/09/08 11:01
S92	1	"6652561".pn.	USPAT	ADJ	ON	2009/02/02 16:57
S93	5	("5766188" or "5814057" or "6551350" or "6652562" or "5441193").pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/02 17:00

S94	8	("4834090"   "5397324").PN. OR ("5766188").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 17:07
S95	64	("3079606"   "3490675"   "3494533"   "3499591"   "4242902"   "4299224"   "4354628"   "4383634"   "4412539"   "4508253"   "4520817"   "4522327"   "4568009"   "4573622"   "4616650"   "4624254"   "4665916"   "4728020"   "4881544"   "4881545"   "4932960"   "4955959"   "5014899"   "5040715"   "5084057"   "5100042"   "5100420"   "5116349"   "5133738"   "5156614"   "5236629").PN. OR ("5441193").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 17:08
S96	348	("2638093"   "3152618"   "3174851"   "3351463"   "3479670"   "3514791"   "3562820"   "3625198"   "3657744"   "3710777"   "3753700"   "3774596"   "3866247"   "3866609"   "3868956"   "3927422"   "3938524"   "3949073"   "3953566"   "3974526"   "3993045"   "4011861"   "4047252"   "4130904"   "4140126"   "4164045"   "4187390"   "4300244"   "4306318"   "4319363"   "4355426"   "4411655"   "4424208"   "4425908"   "4488911"   "4494531"   "4502159"   "4503569"   "4512338"   "4517687"   "4530113"   "4546500"   "4553545"   "4557764"   "4562596"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 17:09

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S98	8	("4834090"   "5397324").PN. OR ("5766188").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/04 13:28
S99	30	("2723666"   "4512342").PN. OR ("4834090").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/04 13:29
S100	6	("2712843"   "4834090"   "5312132"   "5397324").PN. OR ("5843096").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/04 13:31
S101	25	(suture near end near extend) with loop	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/04 13:34
S102	1	"6063097".pn.	US-PGPUB; USPAT	ADJ	ON	2009/05/20 10:20
S103	1	"2259025".pn.	US-PGPUB; USPAT	ADJ	ON	2009/05/20 14:39
S105	2	"11395718"	US-PGPUB; USPAT	ADJ	ON	2009/05/21 09:10
S108	74	112/438.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:31
S109	4	112/438.ccls. and lock	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:47
S113	2	"60".clas. and chain stitch	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:48

S116	6	(chain stitch) with prevent with unravel\$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:52
S117	84	stitch with prevent with unravel\$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:54
S118	0	(chain stitch) with ((back loop) or (loop back)) with unravel\$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:18
S119	271	(chain stitch) with lock \$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:18
S120	0	(intraloop\$3 stitch\$3) with prevent with unravel	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:21
S121	0	(intraloop\$3 stitch\$3) with unravel	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:21
S122	2	(intraloop\$3 stitch\$3)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:21
S123	108	chain stitch and ((last or final or distal) with loop)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:24
S124	7	112/438.ccls. and ((last or final or end) near (stitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:30
S125	12	chain stitch with ((last or final) stitch)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:38
S126	25	lock with ((last or final) stitch)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:41
S127	83	66/158.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 08:59
S128	3	"87".clas. and chain stitch	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:01
S130	224	112/11.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:04
S131	167	112/10.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:04
S132	0	(S131 or S130) and unravel	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:05
S133	3	(S131 or S130) and unravel\$4	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:05
S134	0	(S131 or S130) and (last or final) stitch	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:07
S135	1	(S131 or S130) and ((last or final) near stitch)	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:07
S136	2	chain stitch and (back stitch with unravel\$4)	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:08
S137	74	112/438.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:18

S141	1	S137 and ((last or final or end) (sitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:23
S142	1	S137 and ((last or final or end) near (sitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:23
S143	18	chain stitch with ((last or final or end) near (sitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:24
S144	25	("3527650"   "5296292"   "5476589"   "5801319"   "5873906"   "5883319"   "5907113"   "5919225"   "5961440"   "6015429"   "6045497"   "6050936"   "6248942"   "6261222"   "6302891"   "6315792"   "6352561"   "6616684"   "6673105"   "RE38091").PN. OR ("6984242").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 09:28
S145	11	(suture or stitch) with packag\$4 with unravel \$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 10:00
S146	5	(chain stitch) with packag\$4 with unravel \$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 10:03
S147	13	(chain stitch) with packag\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 10:04
S148	2	sew with unravel	US-PGPUB; USPAT	ADJ	ON	2010/06/11 13:22
S149	761	sew\$3 and ((prevent\$4 or stop\$4) with unravel \$4)	US-PGPUB; USPAT	ADJ	ON	2010/06/11 13:23
S150	37	sew\$3 and ((prevent\$4 or stop\$4) with unravel \$4 with loop\$4)	US-PGPUB; USPAT	ADJ	ON	2010/06/14 09:08
S151	11	(chain stitch or lock stitch) with loop\$4 with unravel\$3	US-PGPUB; USPAT	ADJ	ON	2010/06/14 09:31
S153	11	("4338970"   "4602763"   "4761872"   "4878653").PN. OR ("5016859").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/14 09:43

S154	19	("1809103"   "2282200"   "3030003"   "3747743"   "4241865"   "4441582"   "4509280"   "5236121"   "5515800"   "5518313"   "5722336"   "6129264"   "6159423"   "6167825"   "6332418"   "6371307").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/14 09:45
S155	8	("3030003").URPN.	USPAT	ADJ	ON	2010/06/14 09:49
S161	7	383/79.ccls. and unravel\$3	US-PGPUB; USPAT	ADJ	ON	2010/06/14 09:51
S162	106	383/79.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/06/14 10:05
S163	214	383/92.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/06/15 08:25

**6/ 15/ 2010 3:16:30 PM**

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